

In the Claims

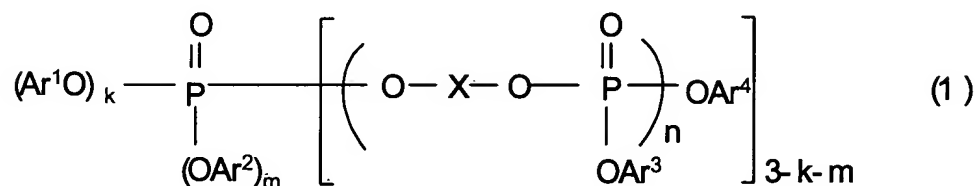
1. (Original) A flame-retardant polybutylene terephthalate resin composition wherein (A) 20-70% by weight of a polybutylene terephthalate resin or a mixture of a polybutylene terephthalate resin and a polyethylene terephthalate resin, (B) 1-20% by weight of a vinyl based resin, (C) 1-20% by weight of a phosphoric acid ester, (D) 1-30% by weight of a salt of a triazine based compound and cyanuric acid or isocyanuric acid, and (E) 0.1-5% by weight of an alkaline earth metal compound are compounded.
2. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to claim 1, ~~characterized in that~~wherein the polybutylene terephthalate resin constituting the mixture of the polybutylene terephthalate resin and the polyethylene terephthalate resin is at 5-95% by weight, and the polyethylene terephthalate resin is at 5-95% by weight.
3. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of~~ claims 1-2, wherein the (B) vinyl based resin is an acrylonitrile/styrene copolymer containing acrylonitrile at 10wt.% or greater and less than 50wt.%.
4. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of~~ claims 1-3, wherein the (E) alkaline earth metal compound is a compound having one or more species of alkaline earth metals selected from the group consisting of magnesium, calcium and barium.
5. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of~~ claims 1-4, wherein the (E) alkaline earth metal compound is magnesium hydroxide and/or calcium carbonate.

6. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of claims 1-5, characterized in that~~ wherein (F) 0.05-5% by weight of an epoxy compound is compounded.

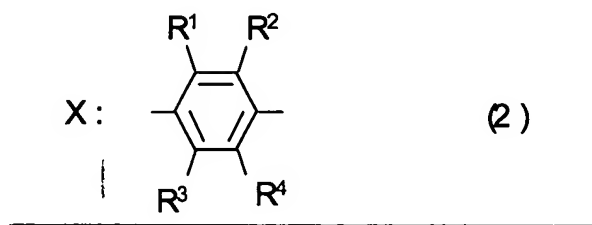
7. (Original) A flame-retardant polybutylene terephthalate resin composition according to claim 6, wherein the (F) epoxy compound is an epoxy compound including a glycidyl ether compound and/or a glycidyl ester compound having an epoxy equivalent of 500 or less.

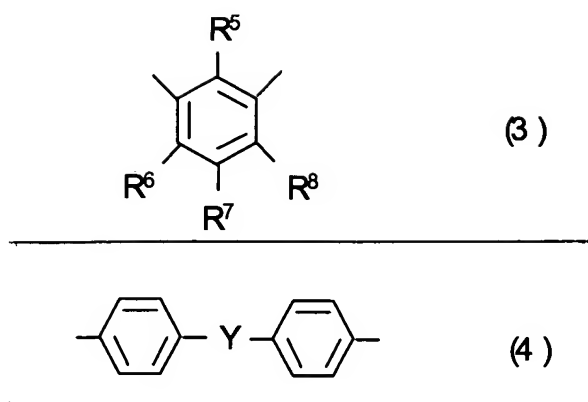
8. (Original) A flame-retardant polybutylene terephthalate resin composition according to claim 6, wherein the (F) epoxy compound is an epoxy compound including a monofunctional glycidyl ester compound having an epoxy equivalent of 500 or less.

9. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of claims 1-8, wherein the (C) phosphoric acid ester is an aromatic phosphoric acid ester represented by the following (1) expression:~~

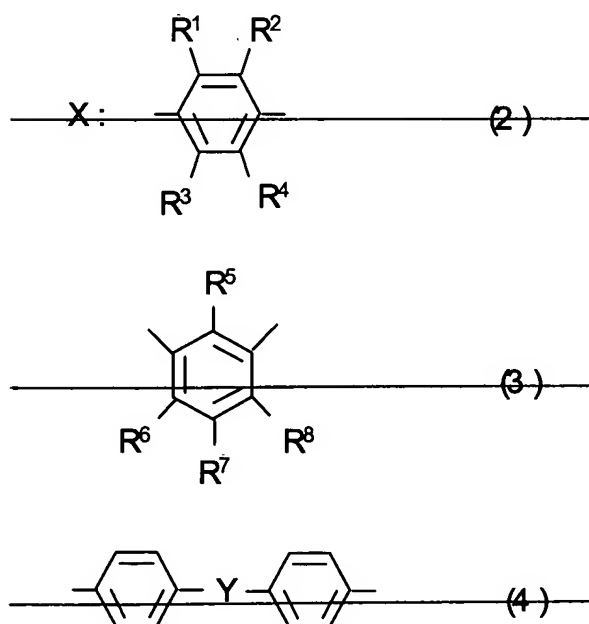


~~(In the above expression, wherein~~ wherein Ar^1 , Ar^2 , Ar^3 and Ar^4 represent the same or different aromatic groups that do not contain a halogen; ~~Furthermore, X represents a structure selected from the following expressions (2)-(4):~~





In the following expressions (2)–(4), wherein R^1 to R^8 represent the same or different hydrogen atoms or alkyl groups having carbon numbers of 1-5, Y represents a direct coupling, O, S, SO_2 , $C(CH_3)_2$, CH_2 , $CHPh$, and Ph represents a phenyl group; ~~Furthermore,~~ n in the (1) expression represents the degree of polymerization, and is an integer of 0 or greater. ~~Furthermore,~~ k, m in the (1) expression are each an integer of 0 or greater and 2 or less, and (k+m) is an integer of 0 or greater and 2 or less.)



10. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of~~ claims 1-9, wherein the (B) vinyl based resin is a vinyl based resin in which

an epoxy group-containing vinyl based monomer or an unsaturated acid anhydride is graft- or copolymerized, or a vinyl based resin epoxidized by an epoxidizing agent.

11. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of~~ claims 1-10, wherein the (B) vinyl based resin is an acrylonitrile/styrene copolymer in which a glycidyl methacrylate is copolymerized and which contains acrylonitrile at 10wt.% or greater and less than 50wt.%.

12. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of~~ claims 1-11, wherein the (B) vinyl based resin is a multilayer structure that constitutes an outer layer (shell layer) of a multilayer structure made up of an innermost layer (core layer) and the outer layer (shell layer) covering the innermost layer.

13. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of~~ claims 1-12, wherein the compounding ratio of the (C) phosphoric acid ester and the (E) alkaline earth metal compound is within a range of the following expression (5):

$$\frac{W_p}{M} \times N_p \times 0.03 \leq \frac{W_a}{M_a} \times 2 \leq \frac{W_p}{M} \times N_p \times 0.6 \quad (5)$$

~~(In the above expression, wherein~~ Wp is the compounding amount (% by weight) of the (C) phosphoric acid ester, and M is the molecular weight of the (C) phosphoric acid ester, and Np is the number of phosphoric acid ester linkages of the (C) phosphoric acid ester, and Wa is the compounding amount (% by weight) of the (E) alkaline earth metal compound, and Ma is the molecular weight of the (E) alkaline earth metal compound.)

14. (Currently Amended) A flame-retardant polybutylene terephthalate resin composition according to ~~any one of~~ claims 1-13, ~~wherein~~having a relative tracking index is of 400V or greater.

15. (Currently Amended) A formed article formed from a flame-retardant polybutylene terephthalate resin composition according to ~~any one of claims 1-13~~ and used as a machine mechanism component part, an electrical/electronic component part, or an automotive component part.

16. (Currently Amended) A formed article formed from a flame-retardant polybutylene terephthalate resin composition according to ~~any one of claims 1-13~~ and used for a breaker, an electromagnetic switch, a focus case, a flyback transformer, or a fuser of a copier or a printer.